

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (original): A plastic substrate for use in optical instruments,
wherein the plastic substrate comprises a composite substrate in which fibers are embedded in a resin matrix, the fibers being arranged in at least one predetermined direction within a plane of the composite substrate, and
wherein the composite substrate substantially transmits visible radiation and has a predefined retardation that is associated with the predetermined direction in which the fibers are arranged.

Claim 2 (original): The plastic substrate of claim 1, wherein the at least one predetermined direction in which the fibers are arranged includes two or more directions.

Claim 3 (original): The plastic substrate of claim 2, wherein the at least one predetermined direction includes two nearly orthogonal directions.

Claim 4 (original): The plastic substrate of claim 3, wherein the composite substrate has an in-plane retardation of substantially zero.

Claim 5 (currently amended): The plastic substrate of claim ~~3-or-4~~, wherein the composite substrate has negative uniaxial anisotropy.

Claim 6 (currently amended): The plastic substrate of claim ~~1-or-2~~, wherein the composite substrate functions as a quarter-wave plate.

Claim 7 (currently amended): The plastic substrate of ~~one of claims~~claim ~~1-to-6~~, wherein the fibers are embedded in the resin matrix as a bundle of fibers, a woven fabric or a nonwoven fabric.

Claim 8 (currently amended): The plastic substrate of ~~one of claims~~claim ~~1-to-7~~, further comprising a protective coating on at least one principal surface of the composite substrate.

Claim 9 (currently amended): A liquid crystal display device comprising the plastic substrate of ~~one of claims~~claim ~~1-to-8~~ and a liquid crystal layer.

Claim 10 (original): The liquid crystal display device of claim 9, further comprising a polarizer, which is arranged such that the absorption axis of the polarizer is either substantially parallel or substantially perpendicular to the at least one predetermined direction in which the fibers are arranged.